				Religioned	nha neation				
Customer N							Date	•	November 5, 2008
		SA	RA 🔲 T	RA 🗌 TSA					
Type of Ass		low-un Vie	it 🖂 See	pe Expansion	.		NC#:		TB-AA08-02
Assessor:	Terry Burgess	iiow-up vis	<u> </u>	ipe Expansion	I		Claus		4.9.2
·		from law a	502.002.00	,·)	YES	\square	NO	oc #.	4.7.2
was munny	previously written-up	irom iast a	issessmeni	L¢	1 63	<u> </u>	NO		
				Lyps of	Finding				
	Major			Minor				Оррот	tunity
Description of initiage CARs are not initiated when non-conforming work is identified as required by Management System									
		en non-c	onformi	ing work is	identified a	s requ	ired by N	Manage	ment System
Manual,	section 4.9.								
		(No fe	anor's A	dama la don s	nent of Recesp	Lal En	almer		
Name:				Date:	November 5, 2				_
regaring,				DEIL.	1464chact 5, 2	.000			
Organization's Proposed Corrective Netion Plan									
Please attach to this form, your CAR number (if relevant) and your responses, including:									
	et Cause Analysis (h	•							
	ort-term corrective a nger-term corrective						nt re-accu	rrence)	
- 20	mber term corrective	action (id		-				, i ellecy	
Part Charles	3	T			poinso by ACT	, , ,			
	E ACCEPTABLE?	YES		NO					
Date :		Approv	rd B <u>y:</u>						
If response	is "NO" or warrants	comment,	do so bel	ow:					
Additional	Response Acceptable	?	lf respo	nse is "NO" :	again, contact				
_	· _				ion Manager(s)	for	Date:		
YES	□NO		guldane	c.			Approve	d by:	
			Verille	alton of Res	poise by ACI	100			
IMPLEME	IMPLEMENTATION ACCEPTABLE? (verified next visit) Date:								
☐ YES ☐ NO Approved By:									
If response	is "NO" or warrants	comment.	do so bel	ow:					

				Reference I	nfot histori				
Customer N	lame:		-				Date:		November 5, 2008
		A 🗌 SA 🗀	RA 🔲	TRA 🛄 TSA				<u>-</u>	
Type of As		llaw na Vis	ள் ⊟ வ	ope Expansion	•		NC#:		TB-AA08-03
Assessur:	Terry Burgess	ittow-up vis	ы <u> </u>	ope Expansion	1		Claus		4.12
	g previously written-u	n from last a	re acemor	, _t ,		⊠ NC		NC 14.	3.16
A WE INTOM	E breatonary attricu-n) HOM hist a	issessifie).						
				Expresse	Linding				
	Major			Minor			X	Оррог	rtualty
	-								
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		Custi	oner's X	cknowledger	neith of Receipt of	Lender	0:0		
Name:				Date:	November 5, 2008	}			
Organization's Proposed Corrective Action Plan									
Please attach to this form, your CAR number (if relevant) and your responses, including: • Root Cause Analysis (how / why did this happen?)									
	bot Cause Analysis (i hort-term corrective				nmediate flx?)				
	onger-term correctiv					event i	re-occur	rrence)	
			Secep	range of Res	masche VCLAS	,			
RESPONS	E ACCEPTABLE?	∏ YES		NO					
Date :		Approv	,	·					
	is "NO" or warrant		•	lowy					
11 response	FISTING OF WATTAIN	s cominent	an so ne	JUN:					<u> </u>
								., .	
Additional	Response Acceptabl	e?			igain, contact ion Manager(s) for	. D	#fc:		
☐ YES	□no		guidan		on Manager(s) ioi		DDTavci	4 by:	
					poins, by AULAS		ti filo Ati	ייט	
IMPLEM	ENTATION ACCEP	TABLE? 4						Date:	
☐ YES	По	1/10001 1	741 111041 1				Anaro	ved By:	
- }			40.00	1			лери	···· 107.	
If response is "NO" or warrants comment, do so below:									

			Releasing h	dormation				
Customer	r Name:				Date:	November 5, 2008		
Tues of		A 🗌 SA 🔲 RA 🔲 🤈	TRA 🗌 TSA		}			
Type or /	Assessment:	ollow-up Visit 🔲 Sco	ope Expansion		NC#;	TB-AA08-04		
Assessor					Clause #:			
Was find	ing previously written-u	gi from last assessmen	it?	☐ YES 🏻	NO			
	20.4		Aprot	Dio nii				
	Major		Minor		9	pportunity		
			Description	of Linding				
The M	anagement System	Manual does no			handling, tra	unsport, use, storage,		
	nned maintenance		-	•	•			
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		C as to $m_{i,i} > X$		uent of become of la	indeng			
Name:		,	Date:	November 6, 2008				
Organization's Proposad Corp. etc. Accom Plan								
Please	trach to this form, your							
r lease at	Root Cause Analysis (ur responses, metuai	ng:			
•	Short-term corrective	•	• • •	nmediate fix?)				
•	Longer-term correctly				ent re-occurren	ce)		
		Accep	united of Reg	nopse by ACLASS				
RESPOR	NSE ACCEPTABLE?	☐ YES ☐	NO					
Date :		Approved By:						
			Inu:					
1) respon	ISE IZ (AC) OL MELITIN	s comment do so be	<u> </u>					
						<u> </u>		
Addition	al Response Acceptable		ense is "NO" a	gain, contact on Manager(s) for	Date:			
☐ YES	□ко	guidano		ou wearker(3) (4)	Approved by:			
				point to vet iss	Approved			
IMPLEMENTATION ACCEPTABLE? (verified next visit) Date:								
YES NO Approved By:								
						<u> </u>		
if respon	nse is <u>"NO" or warra</u> nt	s comment, do so be	10W:					

					Reterence In	loruation	-		
Customer N	ame:						Da	te:	November 5, 2008
T. C.		X AA	SA	RA 🗌	TRA 🗌 TSA				
Type of Ass	essment:	Foll	ow-up Vis	it 🗍 Sc	ope Expansion		NC	`#:	TB-AA08-05
Assessor:	Terry Bur							ause #:	4.13.2.1
Was finding	previously w	rițien-up	from last a	ssessme	nt?	YES 🗵	NO		
			_		Dipont	1407110041		_	
	Major			Ī	Minor	14000002	×	Own	ortunity
	iria los	<u>.</u>				. 			-
reports.	The labora	tory nec	eds to ev	aluate	the informa	d Looting ways included in tion that needs to lose as possible t	o be inci	luded in	
			Creste	1311 4 - 2	Ackinova a decare	encod Receipt of F	oultae		
Name:		.		·	[·	November 6, 2008			
	4			_					
• Ro	oot Cause An ort-term cor	alysis (ho rective ac	w/whyd ction (wha	id this h t steps v	appen?) vill he in the im	r responses, includi mediate fix?) and actions to prev		eurrence)	
				Ye ex	mance of Respo	onse 5 - ACT 555			
RESPONS	E ACCEPTA	BLE?	YES		NO				
Date :			Approve	rd By:					
lf response	is "NO" or v	varrants :	comment.	do so be	elow:				
Additional Response Acceptable? If response is "NO" again, contact ACLASS Accreditation Manager(s) for Date:									
YES	□ NO)		guidan			Appres	ved by:	
				•	<u> </u>	onse by XCLASS			
IMPLEMENTATION ACCEPTABLE? (verified next visit)						<u> </u>		Daty	
☐ YES									
lf response	is "NO" gr \	earrants	comment.	do so b	elow:				

					Reference	Intermation				
Customer N	ame:		_					Date:		November 5, 2008
		X AA		RA 🔲	TRA 🔲 TSA	•				
Type of Ass	essment:	□ Foli	ow-un Vis	it □ Sc	ope Expansio	nn		NC#:		TB-AA08-06
Assessor:	Terry Bur		<u> </u>		Cipro Zarepourine	···		Clause	#:	5,4,6,2
Was finding	previously v		from last o	ssessmer	11?	YES	NO 🖾			
_		_	_			. Lucius				
				Į (X		t funding			<u> </u>	
<u> </u>	Major	-			Minor				Oppor	<u>contry</u>
					d reportin			easure.	ment (does not meet the
requirem	ents of Cl.	SPK 10-	4-2 (Un	certain	ues in EM	IC Measurement	ts).			
			€ 315Fs	angris A	eknow jedzy	ment of Recent of	Lindre	st.		
Name:					Date:	November 6, 2008				
							111			_
Please atta	ch to this for	m. vour C				d Corrective Action your responses, inclu				
	oot Cause An	•				, var tesponses, men				
				-		immediate fix?)				
• 1.0	onger-term c	orrective	acción (in		•	tes and actions to pr		-occurr	ence)	
						sponse la ACEASS	`			
	E <u>accept</u> a	BLE?	YES		NO					
Date:			Арргоч	ed By:						
lf response	is "NO" ar	Americants (comment,	do so be	low:					
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Additional	Response Ac	ceptable?	'			again, contact tion Manager(s) for	Dat	te:		
☐ YES	□ KG)		guidan				proved	by:	
Verification of Response by ACLASS										
IMPLEMENTATION ACCEPTABLE? (verified next visit) Date:										
YES	YES NO Approved By:									
If response	If response is "NO" or warrants comment, do so below:									
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				Reference	atoreston				
Customer N	lame:						Date:		November 5, 2008
_		☐ SA ☐	RA 🗌 .	TRA 🗌 TSA					
Type of Ass		ow-un Visit	. □ sc	ope Expansio	•		NC#:		TB-AA08-07
Assessor:	Terry Burgess	ON-417 7 1311	, <u> </u>	ope Expension			Claus		5.6.2.2.1
	previously written-up	frnm last as	secomen		☐ YES	 МО	Ciuta	<i></i>	
F-1				- 1	Linding				
	Major			Minor				Oppor	tunity
				15. s. a. t. t. u	s at Leadon				
calibratio	The following measuring/test equipment was calibrated externally but they were not accredited calibrations: Fluke 87 (Company), four new 3030B4 accelerometers, digital caliper (Company)								
	, ar								
, -	y: LISN, cables, to	•	_		•	CDN	, and	leakag	e current meter
(safety to	b). The laboratory					,		_	
Numar		1 11/21/11	HR F N - C		Number 6, 2008	BRUBB			
Name:	Nume: Date: November 6, 2008								
Organization's Proposed Corrective Action Plan									
Please attach to this form, your CAR number (if relevant) and your responses, including:									
	oot Cause Analysis (ho hort-term corrective ac				mmediate fiv?\				
	onger-term corrective	•	-			vent re	-occur	rence)	
			Veren	author of Res	prima by At LASS				
RESPONS	E ACCEPTABLE?	YES		NO	<u>* </u>		_		<u></u>
Date :		Approved	I Ru-	<u>,,-u</u>				•	
-	is "NO" or warrants (-		lesse					
птезропъс	to IVO the water 19	comment, c	10 30 DE						
A delition-1	Response Acceptable?	, T	If ross o	men is MN'OT	again, contact				
Auuluvnai	Kesponse Acceptable:				again, contact tion Manager(s) for	Dat	fe:		<u></u>
☐ YES	□ NO		guidano		_	Ap	proved	by:	
			Verilli	cation of Re-	spores to ACT VSS				
IMPLEMENTATION ACCEPTABLE? (verified next visit) Date:									
YES									
If response is "NO" or warrants comment, do so below:									
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			Reterencia	lor mation					
Customer N	nme:	_			Date:	~	November 5, 2008		
		🗌 SA 📗 RA 🔲	TRA 🗌 TSA						
Type of Ass							TD 4 4 00 00		
		low-up Visit 🔲 Sc	cope Expansion		NC#:		TB-AA08-08		
Assessor:	Terry Burgess				<u>Claus</u>	e #:	5.9.A.20		
Was finding	previously written-up	from last assessme	nt?	YES 🗵	NO		_		
			Type of te	casting					
	Major		Minor		×	Oppor	tualty		
_	_								
Positif from at Lindon :									
The laboratory needs to construct a four-year plan for PT/ILC. This is an ACLASS-specific requirement.									
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N		r ustanist s		ant of Proceedings of Ti	adu S				
Name:		·	Date: 1	November 6, 2008					
Organization's Proposed Corrective Action Plan									
Please attach to this form, your CAR number (if relevant) and your responses, including:									
	ot Cause Analysis (he	-	• •						
	ort-term corrective a	•		-					
ما •	nger-term corrective	•	•	<u> </u>	ent re-occur	rence			
		Vecc	manke of Respo	disc by At LASS					
RESPONSI	ACCEPTABLE?	YES	NO						
Date :		Approved By:							
lf response	is "NO" or warrants	comment, do so be	elow:						
					-				
Additional	Response Acceptable) If roen	onse is "NO" ag	ain, contact					
Additional	Response Acceptable			n Manager(s) for	Date:		<u></u>		
☐ YES	□NO	guidan		• • • •	Approved	by:			
Verification of Response to ACLASS									
IMPLEMENTATION ACCEPTABLE? (verified next visit) Date:									
☐ YES	□NO				Aonro	ved By:			
If response is "NO" or warrants comment, do so below:									
11 i caponac	is the in the issues	Comment, GO SO D	LIGITA						

		Returning In	ha mato n						
Customer N	anne.			Date:		November 5, 2008			
		SA RA TRA TSA	<u> </u>			THOTEIRDEE LY AUGO			
Type of Ass	essment:								
	Foll	ow-up Visit Scope Expansion		NC#:		TB-AA08-09			
Assessor:	Terry Burgess			Claus	e #:	5.9.2			
Was finding	previously written-up	from last assessment?	☐ YES 🔯 N	10					
		Type of I	aiding						
	Major	☐ Minor		X	Opport	unity			
			<u></u>						
		Bescoption	of Candapy						
The labor	ratory has complete	ted a proficiency test in 200	8 but has not yet r	received i	the resi	ults. They need to			
provide ti	ne results to ACLA	ASS within six months.	•			·			
ļ.		Costonica - Velsnowledgen	ent of Recipt of Lon	hog					
Name:		Date	November 1, 2008						
		An and the second				_			
Please attach to this form, your CAR number (if relevant) and your responses, including:									
	•	.AK number ()) relevant) and you ow / why did this happen?)	ur responses, including	;					
		ction (what steps will be in the im	mediate fix?)						
• Lo	nger-term corrective	action (include completion dates	and actions to preven	t re-occum	rence)				
		Acceptance of Resp.	mass by ACLASS						
RESPONS	E ACCEPTABLE?	TYES TNO							
Date :		Approved By:							
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11 response	is "NO" or warrants	comment, do so below:							
Additional	Response Acceptable?			Date:					
		ACLASS Accreditation	n Manager(s) for	Date:	-				
YES	<u></u>	guidance.		Approved	by:				
		Verification of Resp	outselfs At LASS						
IMPLEME	IMPLEMENTATION ACCEPTABLE? (verified next visit) Date:								
YES	YES NO Approved By:								
If response	is "NO" or warrants	comment, do so below:		_					
		<u> </u>							
	_								

			R	derense In	Perg aprendition is			
Customer N	Name:					Date:	_	November 5, 2008
_	""	AA 🗌 SA 🗌	RA 🗌 TR	A TSA				
Type of Assessment:								TB-AA08-10
Follow-up Visit 3cope Expansion								5.4.1 and FCC
Assessor:	Terry Burgen	<u> </u>				Claus	c #:	Checklist line 43
Was findin	g previously write	<mark>en-ար</mark> from last a	assessment?		YES 🛛	NO		
				Expe of F	เหล่ะกา			
	Major	-	X	Minor		l l	Oppor	trealty
	Major			, 1713 1101		<u> </u>	i coliber	iuuriy
			1	leser prima i	64 stoling		_	
The labo	ratory did not	evaluate the	influence	of site refl	ections and other	site variab	les > I (GHz, contrary to
	53.4-2003, Secti		.					-
						_		
		Cust	quar's Act.	new terliggia	ent of Recognist for	ndrog		
Name:				Date:	November 6, 2008			
Ot tanz ition's Proposed Convector Action Plan								
Please attach to this form, your CAR number (if relevant) and your responses, including:								
	 Root Cause Analysis (how / why did this happen?) Short-term corrective action (what steps will be in the immediate fix?) 							
					and actions to preve	ent re-occur	rence)	
			Vecepto	arc of Respi	msc by ACTASS			_
RESPONS	E ACCEPTABL	E? YES						
Date :		Approv						-
11 response	e is "NO" or war	rants comment.	. <u>00 30 Delo</u> v	V:				
Additional	Response Accep	table?			ain, contact	Date:		
☐ YES				Accreditatio	n Manager(s) for			
1 E2	NO		guidanec.			Approved	by:	
Vecativation of Response by ACLASS								
	ENTATION ACC	CEPTABLE? (verified nex	t visit)			Date:	
☐ YES	□ NO					Appro	ved By:	
) response	is "NO" or war	rants comment.	, do so belov	<u>v;</u>	<u></u>			_

Attachment F – Accreditation Recom	mendation Record

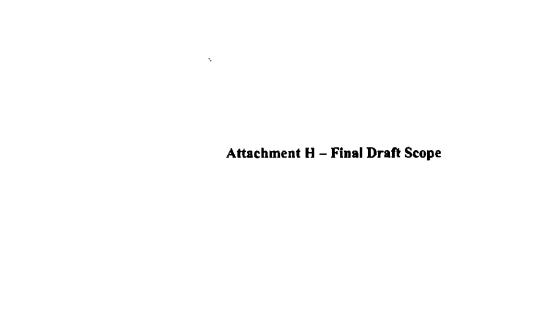
Non-Conformance Summary by Clause

Non-Conformance Sui			Total
ISO/IEC 17025 Clause	# of Major	# of Minor	Total
4.1 Management & Organization			
4.2 Management System			
4.3 Document control	1		1
4.4 Requests, tenders & contracts			
4.5 Subcontracting			
4.6 Purchasing			l
4.7 Services to the customer	1	ļ	
4.8 Complaints			
4.9 Nonconforming work		1	1
4.10 Improvement			
4.11 Corrective action			
4.12 Preventive action			
4.13 Control of records			
4.14 Internal audits			ļ
4.15 Management reviews			
5.1 General Technical			
5.2 Personnel		l	
5.3 Accommodation & environmental			
5.4 Methods and method validation]	2	2
5.5 Equipment		1	1
5.6 Measurement traceability	1		1
5.7 Sampling			
5.8 Handling of items			
5.9 Assuring quality of results			
5.10 Reporting the results			
5.11 Use of ACLASS Symbol			
ACLASS-Specific requirements			
Total NC's	2	4	6
Total OFI's	4		

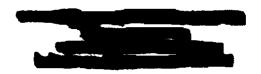


ACLASS CLOSING MEETING CHECK SHEET

Customer Name:							
Lead Assessor/Presenter: Terry Burgess							
Date: November 6. 2008							
TOPICS REQUIRED TO BE ADDRESSED:	Mark Box with "X" if Covered						
Thanks for Selecting ACLASS ²	☑ YES □ NO						
Attendance Sheet	⊠ YES □ NO						
Summarize Assessment, which includes: Positive Aspects Concerns Sample Operational System Confidentiality Checklist Non-Conformance Record and Responses Classification of Findings Accreditation Determination Record Customer Questions of Findings	⊠ YES □ NO						
Receipt of Proficiency Test Report (Summary Sheet Only)	⊠ YES □ NO						
Accreditation Assessment Report	▼YES □ NO						
Appeals Process	⊠ YES □ NO						
Recommendation FOR or CONTINUED accreditation? VES	□ NO 🛛 HOLD						
 If YES: Final Verification of Scope, Certificate and Accreditation C What Happens If Changes Are Made By Customer to Opera What Happens If Changes Are Made By ACLASS To Accreditation Symbol / (ILAC Mark) Proper Use of ACLASS Accreditation Symbol / (ILAC Mark) 	tional System Editation System-Surveillance						
If NO or HOLD: • Follow-up Visit, if applicable • Full Re-assessment, if applicable ANSI 7 540 Compliant?	□ YES ⊠ NO □ YES ⊠ NO □ YES ⊠ NO						
ANSI Z-540 Compliant?	TI AE2 MINO						
CARs Needed & Resolution of Non-Conformities?	✓ YES ✓ NO						
Explain CARs Due to ACLASS within 30 days	▼YES □ NO						
Assessor Assessment Record	⊠ YES □ NO						
Feedback and Assessment Activity Survey							
COMMENTS: Send PT results when received (within six months)							



DRAFT - SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 - DRAFT



TESTING

Valid to:

Certificate Number:

I. Electrical

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT/ RANGE/ EQUIPMENT
EMC	General	Radiated and Conducted Emissions	FCC Part 15 B/C/D/E using ANSI C63.4 (2003) & ANSI C63.17; FCC Part 18 using FCC OST/MP-05 (1986); FCC Report and Order ET Docket 98-153 (FCC 02-48); Procedures in IDB 20040420-001; Procedures in IDB 20021108-001 with FCC Method 47 CFR Part 15, Subpart F: DA 00-705 (March 30, 2000) and KDB Pub. No. 558074, KDB Pub. No. 200433; DA 02-2138; CISPR 22 (1997)+A1, (2000)+A2, (2002), CISPR 22 (2005); EN 55022 (1998)+A1, (2000)+A2, (2003), EN 55022 (2006); AS/NZS CISPR 22; CAN/CSA-CEI/IEC CISPR 22; CNS 13438; KN 22 with RRL Notice # 2007-100 (Dec 26, 2007); CISPR 11 (1997)+A1, (1999)+A2, (2002); AS/NZS CISPR 11; KN11 with RRL Notice 2007-100 (Dec 26, 2007); CNS 13803	Network Based System





FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT/RANGE/ EQUIPMENT
		* Harmonics	Harmonics IEC 61000-3-2 (2000)+A1, (2001)+A2, (2004), IEC 61000-3-2 (2005); EN 61000-3-2 (2000)+A2, (2005), EN 61000-3-2 (2006); AS/NZS 61000-3-2	
		Flicker	IEC 61000-3-3 (1994)+A1, (2001)+A2, (2005); EN 61000-3-3 (1995); AS/NZS 61000-3-3	Natural Paris
EMC	General	Product Specific	IEC 61000-6-3; EN 61000-6-3; AS/NZS 61000.6.3; IEC 61000-6-4; EN 61000-6-4; AS/NZS 61000.6.4; CISPR 14-I (2000)+A1, (2001)+A2, (2002)*; EN 55014-I (2000)+A1, (2001)+A2, (2002); AS/NZS CISPR 14-1; CNS 13783-1 (2001)+A1; CISPR 25, sections 6.2, 6.3 and 6.4	Network Based System





FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT/RANGE/ EQUIPMENT		
		ESD	IEC 61000-4-2 (1995)+A1, (1997)+A2, (1998); EN 61000-4-2 (1995)+A1, (1999)+A2, (2001); KN 61000-4-2			
		RF to 2.7 GHz, 20V/m	IEC 61000-4-3 (2002)+A1, (2002), IEC 61000-4-3 (2006); EN 61000-4-3 (2006); KN 61000-4-3			
		EFT	IEC 61000-4-4 (1995)+A1, (2000)+A2, (2001); IEC 61000-4-4 (2004); EN 61000-4-4 (1995)+A1, (2001)+A2, (2002); EN 61000-4-4 (2004); KN 61000-4-4			
	Surge	IEC 61000-4-5 (1995)+A1, (2000), IEC 61000-4-5 (2005); EN 61000-4-5 (1995)+A1, (2001), EN 61000-4-5 (2006): KN 61000-4-5				
	Conducted Immunity	1EC 61000-4-6 (1996)+A1, (2001), Conducted 1EC 61000-4-6 (2003)+A1, (2004)+A2, (2006);				
lmmunity	General	Low Frequency Magnetic	IEC 61000-4-8 (1993)+A1, (2000); EN 61000-4-8 (1994)+A1, (2001); KN 61000-4-8	Network Based System		
		Pulse Magnetic	IEC 61000-4-9 (1993)+A1, (2000); EN 610000-4-9 (1993)+A1, (2001)			
		Damed Oscillator Magnetic	1EC 61000-4-10 (1993)+A1, (2000); EN 61000-4-10 (1993)+A1, (2001)			
		Power Drop	IEC 61000-4-11 (1994)+A1, (2000), IEC 61000-4- 11 (2004); EN 61000-4-11 (1994)+A1, (2002), EN 61000-4- 11 (2004); KN 61000-4-11			
		Ring Waves Immunity	IEC 61000-4-12 (1995)+A1, (2000), IEC 61000-4- 12 (2006); EN 61000-4-12 (1995)+A1, (2001), EN 61000-4- 12 (2006)			
		Product Specific		CISPR 24 (1997)+A1. (2001)+A2, (2002); EN55024 (1998)+A1, (2001)+A2, (2003); KN 24 with RRL Notice No 2007-101, (Dec 26, 2007); AS/NZS CISPR 24:2002; EN 61000-6-1; EN 61000-6-2; AS/NZS 4254.1; EN 55103-2; EN 50130-4		





FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT/RANGE/ EQUIPMENT
Combined Emissions	Generic	Product Specific	IEC 60601-1-2; EN 60601-1-2; IEC 61326; EN 61326	
		Europe	ETSI EN 300 086-2; ETSI EN 300 197; ETSI EN 300 219-1; ETSI EN 300 220-3; ETSI EN 300 328-2; ETSI EN 300 330-2; ETSI EN 300 390-2; ETSI EN 300 440-2; ETS 300 683; ETSI EN 301 489-1; ETSI EN 301 489-3; ETSI EN 301 489-4; ETSI EN 301 489-5; ETSI EN 301 489-7; ETSI EN 301 489-8; ETSI EN 301 489-12; ETSI EN 301 489-15; ETSI EN 301 489-17: ETSI EN 300 826 TIA/EIA 603-C using 47 CFR Parts	
Radio Tests	Radio Tests General	USA	2, 22 (cellular and non-cellular), 24, 25, 26, 27, 74, 80, 87, 90, 95, 97 and 101	Network Based System
		Canada	RSS-Gen; RSS-102 (excluding SAR); RSS-117; RSS-118; RSS-119; RSS-123; RSS-125; RSS- 128; RSS-129; RSS-130; RSS 130, Annex 1, Issue 2; RSS 130 Attachment 1; RSS-131; RSS-132; RSS-133; RSS-134; RSS- 135; RSS-136; RSS-137; RSS-139; RSS-141; RSS-142; RSS- 170; RSS-141; RSS-142; RSS- 170; RSS-181; RSS-182; RSS 187; RSS-188; RSS-191; RSS- 192; RSS-193; RSS-195; RSS-210; RSS 212; RSS-213; RSS- 215; RSS-243; RSS-287; RSS-310	





FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT/RANGE/ EQUIPMENT	
		Conducted Emissions	MIL-STD-461E: Methods CE101, CE102, CE106; MIL-STD-462D: Methods CE101, CE102, CE106; MIL-STD-462C: Methods CE01, CE02, CE03, CE06		
Militani EMC	General	Radiated Emissions	MIL-STD-461E: Methods RE101, RE102 and RE103; MIL-STD-462D: Methods RE101, RE102 and RE 103; MIL-STD-462C: Methods RE01, RE02 and RE03		
Military EMC		Conducted Susceptibility	MIL-STD-461E: Methods CS101, CS 103; CS 104; CS 105. CS109, CS114, CS115, CS116; MIL-STD-462D: Methods CS101, CS103, CS114, CS115, CS116; MIL-STD-462: Methods, CS01, CS02, CS03, CS04, CS05, CS06, CS08		
		Radiated Susceptibility	MIL-STD-461E: Methods RS101, RS103; MIL-STD-461/462D: Methods RS101, RS103	Network Based System	
	General	Power Input	RTCA DO-160E: Section 16		
		Voltage Spikes	RTCA DO-160E: Section 17		
Airborne Equipment		Audio Frequency Conducted Susceptibility	RTCA DO-160E: Section 18		
		Induced Signal Susceptibility	RTCA DO-160E: Section 20.4		
		Radiated Susceptibilitly	RTCA DO-160E: Section 20.5	5	
		Lighting Induced Transient Susceptibility	RTCA DO-160E: Section 22		
		ESD	RTCA DO-160E: Section 25	1	





FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*DETECTION LIMIT/RANGE/ EQUIPMENT	
	ITE		1EC 60950 (2001); 1EC 60950-1 (2005); EN 60950 (2000), EN 60950-1 (2006); AS/NZS 60950-1 (2003); ANSI/UL 60950-1 (2007); CAN/CSA C22.2 60950-1 (2007		
	General	Measurement Control and Lab Use	IEC 61010-1 (2001); EN 61010-1 (2001) UL 61010-1 (2004); CAN/CSA C22.2 61010-1 (2004)	Network Based	
Product Safety*		Medical Equipment	IEC 60601-1 (1988); IEC 60601-1-2; EN 60601-1 (1990); EN 60601-1-2; UL 60601-1 (2003)	System	
		Machinery	IEC 60204-1 (1997); EN 60204-1 (1997)		
		Transmitters	EN 60215 (1989)		

II. Environmental

		High Temperature	MIL-STD-810, Method 501.4	
Environmental General	Gonoral	Low Temperature	MIL-STD-810, Method 502.4	Network Based
	General	Humidity	MIL-STD-810, Method 507.4	System
		Immersion	MIL-STD-810, Method 512.4]}

Notes:

- Does not include measurement of clicks
 Does not include UV exposure, resistance to UV exposure, or ionizing radiation.
 This scope is port of and must be included with the Certificate of Accrediation No. AT-

Officer





Attachment I – PT/ILC Summary Report Form 15

ACLASS TEMPLATE for PROFICIENCY TESTING / ILC REPORTING

Company Name:			
Date Submitted to ACLASS	November 6, 2008		

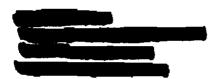
Rough 3 of Participants in P1 of C	Parts quitien	Completed In Progress or Plance 2	Plant C Preveter Carrieration	Chill catton or Testing Stapar Surv Stea	Oction o Schone 10	e PASS and a PATE pacture	Fr. 2 sector Section and Results (Mange)	Corrective Actions Done CXR#?
10	4/25/08	In Progress	ACIL	EMI Radiated Emissions (using Conducted Noise Emitter)	0.15 to 30MHz conducted and 30 to 1000 rudiated.			



ACLASS Accreditation Services

in ANSI- (SQ National Accreditation Board) ompany

October 24, 2008



RE: Accreditation Assessment



This letter is to confirm the dates scheduled for your ISO/IEC 17025 Accreditation Assessment. The assessment will commence at 9 am on the morning of November 5, 2008 and will around noon on November 7. We reserve the right to extend the audit should the assessor feel more time is necessary. Please see the attached schedule.

The assessment team will need a place to work from and would appreciate having a working lunch on the site to make best use of the time. The audit team will consist of the following:

Terry Burgess Steve Berger

If you have any questions please do not hesitate to call.

Sincerely,

Terry Burgess ACLASS Assessor







†CLASS Accreditation Services

In ANSI-ASQ National Accreditation Board Company

ACLASS Accreditation Assessment/Reassessment Schedule

ISO/IEC 17025:2005

Time/Date	<u>Activity</u>	Assessors
K . N		
9am, Nov 5	Opening meeting	Тепу
9:30 am	Laboratory tour	Terry/Steve
10 am	Begin ISO/IEC 17025 checklist section 4	Телту
	Witness tests	Steve
Noon	Lunch	
12:30 pm	Continue section 4	Тепту
	Continue witnessing	Steve
4:45 pm	Progress meeting	Тегту
8:30 am, Nov 6	Begin checklist section 5	Terry
	Continue witnessing	Steve
Noon	Lunch	
12:30 pm	Conclude section 5	Тетту
	Continue witnessing	Steve
4:15 pm	Progress meeting	Terry
8:30 am Nov 7	Administrative tasks	Terry
	Conclude witnessing and EMC checklist	Steve
11 am	Closing meeting	Теггу
<u> </u>		
		



ASSESSOR/EXPERT APPROVAL CHECKLIST

Assessor Names		Date of Review: September 25-26, 2008
	⊠ ISO/IEC 17025	
Standard(s) Approved For:	☐ ISO/IEC 17020	
	ISO Guide 34 (RM	1P)
Requirement	Compliant	Evidence/Documentation/Comments
Education	X Yes No	
Training	⊠ Yes □ No	ACLASS policies and procedures and FCC requirements including use of the FCC Accredited Test Laboratory Technical Assessment Evaluation Checklist and the series of documents that are a non-exclusive list of measurement techniques that may be used when testing equipment to determine its compliance with FCC rules.
Work Experience	X Yes ☐ No	
Assessment Experience	⊠ Yes □ No	
Uncertainty Training/Experience	⊠ Yes □ No	
PT/ILC Training/Experience	Yes No	
Understanding of Traceability	X Yes ☐ No	
ACLASS Procedures Training	X Yes □ No	
ARP Process Training	Yes No	N/A
Is Witnessing Required?	Yes No	
Additional Training Required?	⊠ Yes □ No	Ongoing training for continuous Improvement. Expect more training at 2009 annual forum
Conduct Primary Standard Assessments (High Precision Level)?	☑ Yes ☐ No	
Senior Accreditation Manager(s) Approval:	☑ Lead Assessor	Assessor Reviewer Bxpcrt